Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 02 Dec 2023 until 23:59 on Sunday 03 Dec 2023

Forecast Issued on Friday 01 Dec 2023 at 16:58

Confidence: High for cold through the weekend but lower for cloud details and much lower for details from Sinday afternoon, due to continuing uncertainty over depth and movement of a low, currently expected to move east along the English Channel, and the eventual change to milder conditions.

Headline for Saturday 02 Dec 2023: Mainly dry with good sunny spells. Light winds

Mountain weather hazards on Saturday 02 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	10%	20%	20%	10%

Forecast for Saturday 02 Dec 2023

Weather: Dry and clear through the early hours with a widespread frost and low level freezing fog patches. Then a bright day with, especially in the east, long sunny spells with freezing fog patches slowly clearing, however western hills will become cloudier later in the morning, bringing a risk of the odd light snow shower in the afternoon and early evening.

Chance of cloud-free hill tops above 600m: Close to 100% at first and in the east, but becoming 75% in the west.

Low cloud and visibility: Little or no cloud below the summits at first, and more generally across eastern hills, but occasional cloud developing above about 600m across western hills later in the morning. Away from cloud visibility very good with, especially eastern hills, some decent panoramic views of surrounding hills, falling to around a kilometre in snow showers and just a few hundred metres in any low level freezing fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 02 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/4 E	4/6 SW	6/7 SW	7/10 SW	11/14 SW	11/15 SW	12/16 S	13/17 S	12/17 S
300	2/3 SW	2/3 SW	2/3 S	3/5 SE	4/7 S	5/8 SE	6/10 S	7/12 S	6/10 SE
Valley	2/3 SW	2/3 S	2/4 SE	2/6 SE	2/7 SW	2/9 SW	4/10 SE	4/11 SE	4/10 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-4	-3/-6	-3/-6	-3/-7	-2/-6	-2/-7	-2/-8	-2/-8	-2/-8
300	-1/-2	-2/-4	-2/-4	-2/-3	0/-2	0/-2	-0/-3	-0/-4	-0/-3
Valley	-3/-5	-4/-6	-3/-5	-2/-4	0/-2	0/-2	-0/-2	-0/-2	-0/-3
Freezing Level*	00m	00m	00m	00m	100m	100m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures around minus 6 Celsius at dawn. Cold at all levels despite light winds and sunshine.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 01 Dec 2023	0.4mm	0.4mm	0.8mm

Forecast for Sunday 03 Dec 2023

Weather: Dry with long clear spells overnight with a widespread frost and patchy low level freezing fog. Then a bright start but cloud soon increasing with perhaps the odd snow flurry.

Maximum wind: Easterly or southeasterly 10mph or less, increasing a little through the evening.

Chance of cloud-free hill tops above 600m: Around 75% at first becoming nearer 25% through morning.

Low cloud and visibility: Occasional cloud above 600m becoming periods above 450-600m through the morning. Away from cloud visibility mostly good, but just a few hundred metres in any early freezing fog.

Temperature: **Valleys:** Around minus 3 or 4 Celsius at dawn rising to plus 3 or 4 Celsius by day
At 600m: Around minus 3 Celsius
Freezing level: Less than 300m rising to 450m.

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